



## Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 846F Inventory Inquiry/Advice (Ammo Freeze/Unfreeze)

**Implementation Convention** 



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
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<sup>&</sup>lt;sup>1</sup>At Boulder, CO 80303.

<sup>&</sup>lt;sup>2</sup>Some elements at Boulder, CO.

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### **Implementation Convention**

Electronic Commerce Acquisition Program Management Office Standard Management Committee - Secretariat National Institute of Standards and Technology Gaithersburg, MD 20899-0001

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U.S. DEPARTMENT OF COMMERCE William M. Daley, Secretary

Technology Administration
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National Institute of Standards and Technology Raymond G. Kammer, Director

#### **Reports on Information Technology**

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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## 846 Inventory Inquiry/Advice

Functional Group ID= ${\bf IB}$ 

#### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

#### Notes:

- 1. The Single Manager for Conventional Ammunition (SMCA) uses this transaction set to advise storage organizations of freeze or unfreeze actions on conventional ammunition.
- 2. Use a single occurrence of this transaction set to exchange transactions between the SMCA and a single or multiple storage organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.
- 3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web Site.

#### Heading:

Must Use	Pos. No. 010	Seg. <u>ID</u> ST	Name Transaction Set Header	Req. <u>Des.</u> M	Max.Use	Loop <u>Repeat</u>	Notes and Comments
Must Use	020	BlA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	040	CUR	Currency	О	1		
Not Used	050	DTM	Date/Time Reference	О	10		
Not Used	060	REF	Reference Identification	О	12		
Not Used	070	PER	Administrative Communications Contact	О	3		
Not Used	075	MEA	Measurements	О	20		
			LOOP ID - N1			5	
Must Use	080	N1	Name	О	1		
Not Used	090	N2	Additional Name Information	О	2		
Not Used	100	N3	Address Information	О	2		
Not Used	110	N4	Geographic Location	О	1		
Not Used	120	REF	Reference Identification	О	12		
Not Used	130	PER	Administrative Communications Contact	О	3		
			LOOP ID - LM			10	
Must Use	140	LM	Code Source Information	О	1		
Must Use	150	LQ	Industry Code	M	100		

#### **Detail:**

003060F846F0 27 April 1998

	Pos.	Seg. <u>ID</u>	Name LOOP ID - LIN	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	LIN	Item Identification	M	I	10000	
Not Used	010 030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	0	40		
Not Used	050	PKG	Marking, Packaging, Loading	0	25		
Not Oscu	100	DTM	Date/Time Reference	0	10		
Not Used	110	CTP	Pricing Information	0	25		
Not Used	120	CUR	Currency	0	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	0	25		
Must Use	140	REF	Reference Identification	О	>1		
Not Used	150	PER	Administrative Communications Contact	О	3		
Not Used	220	SDQ	Destination Quantity	О	500		
Not Used	230	MAN	Marks and Numbers	0	1		
Not Used	235	UIT	Unit Detail	О	5		
Not Used	240	CS	Contract Summary	О	1		
Not Used	250	DD	Demand Detail	О	>1		
Not Used	255	G53	Maintenance Type	0	I		
Not Used	256	PCT	Percent Amounts	O	>1		
Not Used	257	LDT	Lead Time	О	12		
			LOOP ID - LM			10	
	260	LM	Code Source Information	О	1		
Must Use	270	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	280	SLN	Subline Item Detail	О	1		
Not Used	290	PID	Product/Item Description	О	200		
Not Used	300	MEA	Measurements	О	40		
Not Used	310	PKG	Marking, Packaging, Loading	О	25		
			LOOP ID - MAN			100	
Not Used	312	MAN	Marks and Numbers	О	1		
Not Used	314	MEA	Measurements	0	40		
			LOOP ID - QTY			99	
	320	QTY	Quantity	О	I		
Not Used	330	UIT	Unit Detail	О	12		
Not Used	340	MEA	Measurements	0	25		
Not Used	350	LDT	Lead Time	О	12		
Not Used	355	DTM	Date/Time Reference	0	10		
			LOOP ID - SCH			25	
Not Used	360	SCH	Line Item Schedule	O	1		λ.
Not Used	370	MEA	Measurements	0	25		
			LOOP ID - LM			>1	
	375	LM	Code Source Information	0	I		
Must Use	376	LQ	Industry Code	М	100		
	380	LS	Loop Header	0	1		
			LOOP ID - REF			>1	
	390	REF	Reference Identification	0	1		n1

#### 846F - Inventory Inquiry/Advice (Ammo Freeze/Unfreeze)

	400	DTM	Date/Time Reference	O	>1		111
	410	Nl	Name	O	1		
			LOOP ID - LM			10	
Not Used	420	LM	Code Source Information	0	1		
Not Used	430	LQ	Industry Code	M	100		
	440	LE	Loop Trailer	0	1		
			LOOP ID - N1			200	
Must Use	450	NI	Name	О	1		
Not Used	460	N2	Additional Name Information	О	2		
Not Used	470	N3	Address Information	O	2		
Not Used	480	N4	Geographic Location	0	1		
Not Used	490	REF	Reference Identification	О	12		
Not Used	500	PER	Administrative Communications Contact	О	3		

#### **Summary:**

Not Used	Pos. No. 010	Seg. <u>ID</u> CTT	Name Transaction Totals	Req. <u>Des.</u>	Max.Use	Loop Repeat	Notes and Comments
Must Use	020	SE	Transaction Set Trailer	M	1		n2

#### **Transaction Set Notes**

- 1. The REF loop conveys serial number, lot number, and inventory data.
- 2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: ST Transaction Set Header

Position: 010

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose:

To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes:

1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

#### Comments:

			zata zielitelit zalimat j			
	Ref. Des.	Data Element	Name	Attributes		
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3		
			Code uniquely identifying a Transaction Set	<b>\</b>		
			846 X12.28 Inventory Inquiry/Advic	e		
Must Use	ST02	329	Transaction Set Control Number M AN 4/9 Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			A unique number assigned by the originator of the to originator's application program.	ransaction set, or the		

Segment: BIA Beginning Segment for Inventory Inquiry/Advice

Position: 020

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Syntax Notes:

Semantic Notes: 1 BIA03 identifies the number of the inquiry/advice that is transferred.

2 BIA04 identifies the date of the inquiry/advice that is transferred.

3 BIA05 identifies the time of the inquiry/advice that is transferred.

Comments:

			Data Eler	nent Summary		
	Ref.	Data				
	Des.	Element	Name		Attı	<u>ributes</u>
Must Use	BIA01	353	Transaction Set I	Purpose Code	M	ID 2/2
			Code identifying p	ourpose of transaction set		
			00	Original		
			77	Simulation Exercise		
				Use to identify a simulated mobilization transaction set. Activities initiating simulation exercises must ensure consordination with all activities involved transaction set recipients must use exercise that individual transactions do action documents which affect accounts	mulate mpleto ed. Al treme not p ntable	d  caution to  rocess as  records,
Must Use	BIA02	755	Report Type Cod			ID 2/2
			Code indicating th	e title or contents of a document, report o	r supp	orting item
			ZB	Conventional Ammunition Suspension	Repo	rt
				An action that suspends or freezes conspecified quantity of conventional amn		
				Use to identify a conventional ammun freeze/unfreeze transaction.	ition	
Must Use	BIA03	127	Reference Identif		M	AN 1/30
				ation as defined for a particular Transaction	n Set o	or as
				eference Identification Qualifier  this data element to satisfy mandatory X	712 001	e d cross
			requirements.	this unia element to satisfy manuatory A	12 Syl	ııux
Must Use	BIA04	373	Date		M	DT 6/6
Trade esc	Dirio	0.0	Date (YYMMDD)			2100
			` ·	transaction set preparation. This date c	orresp	onds to the
Must Use	BIA05	337	Time	ooramate (C1C).	0	TM 4/8
1,1450 050	211100	00,		24-hour clock time as follows: HHMM, of	_	
			•	HMMSSDD, where $H = hours (00-23)$ , $M$		
			,,	conds $(00-59)$ and DD = decimal seconds	•	
			*	ollows: $D = tenths (0-9)$ and $DD = hundred$		•
			1. Express the orig	ginating activity's time of transaction set	prepa	ration in
			2. Express time in	a four-position (HHMM) format.		
Not Used	BIA06	306	Action Code	, , , , , , , , , , , , , , , , , , ,	O	ID 1/2
			Code indicating ty	pe of action		

Segment: N1 Name

Position: 080

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:** 

Comments: 1 This segment, used alone, provides the most efficient method of providing

organizational identification. To obtain this efficiency the "ID Code" (N104) must

provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Notes: Must use this 1/N1/080 loop to identify SMCA originating the transaction set.

#### **Data Element Summary**

			Data Eleme	ent Summary		
	Ref.	Data				
	Des.	Element	Name		Att	ributes
Must Use	N101	98	Entity Identifier C	ode	M	ID 2/2
			Code identifying an	organizational entity, a physical location	, or a	n individual
			KA	Item Manager		
				The address of the person responsible for management of an item of supply	or the	<b>;</b>
				Must use to identify the SMCA.		
Not Used	N102	93	Name Free-form name		X	AN 1/35
Must Use	N103	66	<b>Identification Code</b>	e Qualifier	X	ID 1/2
				e system/method of code structure used f	or Id	entification
			Code (67)			
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo	ur Cl	naracter
				Suffix		
			10	Department of Defense Activity Addres (DODAAC)	s Co	de
			M4	Department of Defense Routing Identifi	er Co	ode (RIC)
				An integral and predetermined participal established logistical system performing control, distribution, and storage function	g gen	
Must Use	N104	67	Identification Code	e	X	AN 2/20
			Code identifying a p	party or other code		
Not Used	N105	706	Entity Relationship Code describing ent		O	ID 2/2
Must Use	N106	98	Entity Identifier C		0	ID 2/2
	11200			organizational entity, a physical location	, or a	
			FR	Message From		

Must use to indicate the organization cited in N104 is

originating the transaction set.

Segment: LM Code Source Information

Position: 140

Loop: LM Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: Must use this 1/LM/140 loop to identify coded information maintained in department

or agency documentation.

	Ref. Des.	Data Element	Name		Attı	ributes
Must Use	LM01	559	Agency Qual	ifier Code	M	ID 2/2
			Code identify	ing the agency assigning the code values		
			DF	Department of Defense (DoD)		
Not Used	LM02	822	Source Subqu	ıalifier	O	AN 1/15
			A reference th	at indicates the table or text maintained by the	Sour	ce Qualifier

Segment: LQ Industry Code

Position: 150

Loop: LM Optional (Must Use)

Level: Heading
Usage: Mandatory
Max Use: 100

Purpose: Code to transmit standard industry codes

Syntax Notes: 1 If LQ01 is present, then LQ02 is required.

**Semantic Notes:** 

Comments:

Notes: Use to identify codes, as appropriate, consistent with management information

requirements.

	Ref.	Data				
	Des.	Element	Name		Attı	<u>ributes</u>
Must Use	LQ01	1270	Code List Qua	lifier Code	0	ID 1/3
			Code identifyin	g a specific industry code list		
			0	Document Identification Code		
				Codes that subclassify a transaction		
Must Use	LQ02	1271	<b>Industry Code</b>		X	AN 1/30
			Code indicating	a code from a specific industry code list		

LIN Item Identification Segment:

010 Position:

> Loop: LIN Mandatory

Level: Detail Usage: Mandatory

Max Use:

To specify basic item identification data Purpose:

If either LIN04 or LIN05 is present, then the other is required. **Syntax Notes:** 

- If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.

14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:** 

LIN01 is the line item identification

Comments:

1 See the Data Dictionary for a complete list of IDs.

LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

Must use the 2/LIN/010 loop to identify the material, transaction number, and

inventory information associated with the freeze/unfreeze action.

			Data Elemo	ent Summary				
	Ref.	Data						
	Des.	Element	<u>Name</u>			<u>ributes</u>		
Not Used	LIN01	350	Assigned Identifica		-	AN 1/20		
			Alphanumeric chara	cters assigned for differentiation within	a tran	saction set		
Must Use	LIN02	235	Product/Service ID			ID 2/2		
			Code identifying the Product/Service ID	e type/source of the descriptive number u (234)	ised ir	1		
			Use only one of cod	les A2, FS or MG to identify the ammur	iition	item.		
			A2	Department of Defense Identification C	Code (	DoDIC)		
			Qualifies a code that uniquely identifies explosive or ammunition	s a typ	be of			
			Use to identify ammunition items.					
			FS	National Stock Number				
			MG	Manufacturer's Part Number				
				Use to identify the ammunition manuf number when no DoDIC is assigned.	actur	er's part		
Must Use	LIN03	234	Product/Service ID	-	M	AN 1/40		
			Identifying number	for a product or service				
	LIN04	235	Product/Service ID	Qualifier	X	ID 2/2		
			Code identifying the Product/Service ID	e type/source of the descriptive number u (234)	sed ir	1		
			ZB	Commercial and Government Entity (C	AGE	) Code		
				A code that identifies a commercial cor	itracto	or		
				authorized to do business with the U.S.	gove	rnment		

Use with LIN02 code MG to uniquely identify the

ammunition manufacturer's part number.

	LIN05	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number use Product/Service ID (234)		ID 2/2
Not Used	LIN07	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number us		ID 2/2
Not Used	LIN09	234	Product/Service ID (234) Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number us Product/Service ID (234)		ID 2/2
Not Used	LIN11	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN12	235	Product/Service ID Qualifier	X	ID 2/2
1101 0504		200	Code identifying the type/source of the descriptive number us Product/Service ID (234)		
Not Used	LIN13	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN14	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number user Product/Service ID (234)	sed in	ı
Not Used	LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number us		ID 2/2
N T	T TRIAN	00.4	Product/Service ID (234)	**	4 DT 4 /40
Not Used	LIN17	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN18	235	Product/Service ID Qualifier	x	ID 2/2
not oscu	LINIO	255	Code identifying the type/source of the descriptive number us		
			Product/Service ID (234)		
Not Used	LIN19	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN20	235	Product/Service ID Qualifier	Y	ID 2/2
Not Oseu	LINZU	233	Code identifying the type/source of the descriptive number us Product/Service ID (234)		
Not Used	LIN21	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN22	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number us Product/Service ID (234)		
Not Used	LIN23	234	Product/Service ID  Identifying number for a product or service	X	AN 1/40
Not Used	LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number us		ID 2/2
			Product/Service ID (234)		
Not Used	LIN25	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number us		ID 2/2
NIGATI- I	I INIGE	22.4	Product/Service ID (234)	*7	A NI 1/40
Not Used	LIN27	234	Product/Service ID	X	AN 1/40

			Identifying number for a product or service		
Not Used	LIN28	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234)	d in	ı
Not Used	LIN29	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN30	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number use	d in	
			Product/Service ID (234)		
Not Used	LIN31	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		

DTM Date/Time Reference Segment:

Position: 100

> LIN Loop: Mandatory

Level: Detail Usage: Optional Max Use:

Purpose: To specify pertinent dates and times

Syntax Notes:

At least one of DTM02 DTM03 or DTM06 is required. If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:** 

Comments:

Notes: Must use 2/DTM/100 to identify dates associated with the transaction.

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Segment: REF Reference Identification

Position: 140

Loop: LIN Mandatory

Level: Detail

Usage: Optional (Must Use)

Max Use: >1

~ · · · · ·

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments:

1 REF04 contains data relating to the value cited in REF02.

			Data Element Summary		
	Ref.	Data	NTa	A 44	9. 4 .
B.C. 4 TT	Des.	Element	Name D. G. Lie C. C. Lie		ributes
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			TN Transaction Reference Number		
			Must use to identify the transaction nu to the transaction.	mbei	r assigned
Must Use	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set	or as
Not Used	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements ar	id the	eir content
Not Used	REF04	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification in specified by the Reference Qualifier	umb	ers as
Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set	or as
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set	or as
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set	or as

Segment: LM Code Source Information

Position: 260

Loop: LM Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

Comments:

1 LM02 identifies the applicable industry code list source information.

Notes: Use this 2/LM/260 loop to identify coded information in department or agency

documentation.

	Ref. Des.	Data Element	Name	Attı	ibutes
Must Use	LM01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			DF Department of Defense (DoD)		
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the	O Source	AN 1/15 ce Qualifier

**Industry Code** Segment:

Position: 270

> Loop: LM Optional

Level: Detail Usage: Mandatory 100

Max Use:

Purpose: Code to transmit standard industry codes **Syntax Notes:** If LQ01 is present, then LQ02 is required.

**Semantic Notes:** 

Comments:

Notes: Use to identify codes, as appropriate, consistent with management information

requirements.

**Data Element Summary** 

Ref. Data Des. Element Name **Attributes Must Use** LQ01 1270 Code List Qualifier Code O ID 1/3

Code identifying a specific industry code list 84 Management Code

Supplemental information not covered by the

transaction coding structure

Use to identify supplemental management information

associated with the freeze/unfreeze action.

X AN 1/30 Must Use LQ02 1271 **Industry Code** 

Code indicating a code from a specific industry code list

Segment: QTY Quantity

Position: 320

Loop: QTY Optional

Level: Detail
Usage: Optional
Max Use: 1

**Purpose:** To specify quantity information

Syntax Notes: Semantic Notes: Comments:

Notes: 1. Use multiple iterations of the 2/QTY/320 loop to stratify quantity by material classification.

2. Use the 2/REF/390 loop as needed to identify Unique Item Tracking (UIT) information related to inventory quantities.

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name	Att	<u>ributes</u>
Must Use	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			01 Discrete Quantity		
			Use to identify the quantity suspended from suspension.	or re	leased
Must Use	QTY02	380	Quantity Numeric value of quantity	M	R 1/15
			Express as a whole number with no decimals.		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Appen of use)	dix f	or examples
Must Use	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed	l, or	manner in
			which a measurement has been taken		
			DLMS users see the Unit of Issue and Purchase Unit Converge applicable codes.	ersio	n Table for
Not Used	C00102	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken	, or 1	manner in
Not Used	C00105	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2
			Code specifying the units in which a value is being expressed	, or 1	manner in
			which a measurement has been taken		
Not Used	C00108	1018	Exponent	0	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	0	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed	, or 1	manner in

Not Used	C00111	1018	which a measurement has been taken  Exponent  Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	О	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed which a measurement has been taken	O , or i	ID 2/2 manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	О	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	О	R 1/10

Segment: LM Code Source Information

Position: 375

Loop: LM Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To transmit standard code list identification information

Syntax Notes: Semantic Notes:

**Comments:** 1 LM02 identifies the applicable industry code list source information.

Notes: Use the 2/LM/375 loop to identify coded information maintained in department or

agency documentation.

			200	- 2101110110 ~ Ullillial J		
	Ref.	Data				
	Des.	Element	Name		Att	<u>ributes</u>
Must Use	LM01	559	Agency Qua	alifier Code	M	ID 2/2
			Code identif	ying the agency assigning the code values		
			DF	Department of Defense (DoD)		
Not Used	LM02	822	Source Sub	qualifier	0	AN 1/15
			A reference	that indicates the table or text maintained by the	Sour	ce Qualifier

Segment: LQ Industry Code

Position: 376

Loop:

LM Optional

Level: Detail
Usage: Mandatory

Max Use: 100

Purpose: Code to transmit standard industry codes

Syntax Notes: 1 If LQ01 is present, then LQ02 is required.

**Semantic Notes:** 

**Comments:** 

Notes: Use to identify codes, as appropriate, consistent with management information

requirements.

Must Use	Ref. <u>Des.</u> LQ01	Data Element 1270		pecific industry code list	Attributes O ID 1/3			
				or A1 (but not both).				
			83	Supply Condition Code				
				Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable  Use to identify supply condition of the material.				
			99	Purpose Code				
		bala	Codes that inform the material owner why an inventory balance is being reserved Ownership Code					
				Items included in the inventory records organization that is not the owner of the				
Must Use	LQ02	1271	<b>Industry Code</b>		X AN 1/30			
			Code indicating a co	ode from a specific industry code list				

Segment: LS Loop Header

Position: 380

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use: 1

Purpose: To indicate that the next segment begins a loop

Syntax Notes: Semantic Notes:

One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the

appropriate ASC X12 version/release.

Comments:

Notes:

See Figures Appendix for an explanation of the use of the LS and LE segments.

Use as needed in each 2/QTY/320 loop to prevent a syntax error in the use of the

2/REF/390 loop.

#### **Data Element Summary**

	Ref.	Data	· ·	
	Des.	<b>Element</b>	Name	<b>Attributes</b>
Must Use	LS01	447	Loop Identifier Code	M AN 1/4
			The loop ID number given on the transaction set diagram	am is the value for this

data element in segments LS and LE Cite REF to indicate the 2/REF/390 loop.

Segment: REF Reference Identification

Position: 390

Loop: REF Optional

Level: Detail Usage: Optional

Max Use: 1

**Purpose:** To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: Use the 2/REF/390 loop to provide unique item tracking (UIT) information when inventories are segregated in this manner.

	Ref.	Data	Nama	- Carrier - Carr	A 44.	
March II.	Des.	Element	Name Defenence Identifi	action Qualifica		ributes
Must Use	REF01	128	Reference Identifi	e Reference Identification	M	ID 2/3
			ВТ	Batch Number		
				Use to identify manufacturer's batch n		er or other
			. T	number identifying the production run	•	
			LT	Lot Number		
				Use to identify the manufacturer's lot i	iumb	er.
			SE	Serial Number		
				Use to identify a unique item identifier		
Must Use	REF02	127	Reference Identifi		X	AN 1/30
				tion as defined for a particular Transaction	Set	or as
AY 4 TT	DEE03	250		ference Identification Qualifier	37	A D. 1 (00
Not Used	REF03	352	Description		X	AN 1/80
DT 4 TT -	DEE0.4	G0.40	_	ption to clarify the related data elements an		eir content
Not Used	REF04	C040	Reference Identifi		0	
				more reference numbers or identification r	umb	ers as
Not Used	C04001	128	specified by the Re Reference Identifi		M	ID 2/3
Not Oseu	C04001	120		e Reference Identification	141	ID 2/3
Not Used	C04002	127	Reference Identifi		M	AN 1/30
1101 0300	C04002	14/		tion as defined for a particular Transaction		
				ference Identification Qualifier		
Not Used	C04003	128	Reference Identifi	7	X	ID 2/3
			Code qualifying the	e Reference Identification		
Not Used	C04004	127	Reference Identifi	cation	X	AN 1/30
				tion as defined for a particular Transaction	Set	or as
				ference Identification Qualifier		
Not Used	C04005	128	Reference Identifi	-	X	ID 2/3
				e Reference Identification		
Not Used	C04006	127	Reference Identifi		X	AN 1/30
				tion as defined for a particular Transaction	Set	or as
			specified by the Re	ference Identification Qualifier		

Segment: DTM Date/Time Reference

Position: 400

Loop: REF Optional

Level: Detail
Usage: Optional

Max Use: >1

**Purpose:** To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:** 

**Comments:** 

Notes: Use multiple repetitions as needed to identify dates related to the UIT.

	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	ributes
Must Use	DTM01	374	Date/Time Qualif	ïer	M	ID 3/3
			Code specifying ty	pe of date or time, or both date and time		
			094	Manufacture		
			511	Use to identify the date of manufacture identified.  Shelf Life Expiration	e of th	he material
				Use to identify the shelf life expiration	date.	
Must Use	DTM02	373	Date		X	DT 6/6
			Date (YYMMDD)			
Not Used	DTM03	337	Time .		X	TM 4/8
			HHMMSSD, or HI 59), S = integer sec	24-hour clock time as follows: HHMM, of HMMSSDD, where H = hours (00-23), M conds (00-59) and DD = decimal seconds; bllows: D = tenths (0-9) and DD = hundred	= mi decin	nutes (00- nal seconds
Not Used	DTM04	623	Time Code		0	ID 2/2
			Organization stand in hours in relation	ne time. In accordance with International Stard 8601, time can be specified by a + or a to Universal Time Coordinate (UTC) times, + and - are substituted by P and M in the	and e; sin	an indication ce + is a
	DTM05	624	Century	•	0	N0 2/2
			The first two chara	cters in the designation of the year (CCY)	<i>(</i> )	
Not Used	DTM06	1250		Format Qualifier e date format, time format, or date and time	X e form	ID 2/3 nat
Not Used	DTM07	1251	Date Time Period Expression of a dat	te, a time, or range of dates, times or dates		AN 1/35 times

Segment: N1 Name

Position: 410

Loop: REF Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:** 

Comments: 1 This segment, used alone, provides the most efficient method of providing

organizational identification. To obtain this efficiency the "ID Code" (N104) must

provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Notes: Use to identify the manufacturer of the UIT item.

	Ref.	Data	Data Elemen			
	Des.	<b>Element</b>	Name		<u>Attr</u>	<u>ibutes</u>
Must Use	N101	98	<b>Entity Identifier Cod</b>	de	M	ID 2/2
			Code identifying an o	rganizational entity, a physical location,	or a	n individual
			MF 1	Manufacturer of Goods		
Not Used	N102	93	Name		X	AN 1/35
			Free-form name			
Must Use	N103	66	Identification Code	Qualifier	X	ID 1/2
			Code designating the Code (67)	system/method of code structure used for	r Ide	entification
			33	Commercial and Government Entity (CA	AGE)	
Must Use	N104	67	<b>Identification Code</b>		X	AN 2/20
			Code identifying a par	rty or other code		
Not Used	N105	706	Entity Relationship	Code	O	ID 2/2
			Code describing entity	y relationship		
Not Used	N106	98	<b>Entity Identifier Cod</b>	de	O	ID 2/2
			Code identifying an o	rganizational entity, a physical location,	or a	n individual

Segment: LE Loop Trailer

Position: 440

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use: 1

**Purpose:** To indicate that the loop immediately preceding this segment is complete

**Syntax Notes: Semantic Notes:** 

One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram

in the appropriate ASC X12 version/release.

Comments: 1 See Figures Appendix for an explanation of the use of the LE and LS segments.

Notes: Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iterations.

#### **Data Element Summary**

Ref. Data

Des. Element Name

Must Use LE01 447 Loop Identifier Code

Attributes

M AN 1/4

The loop ID number given on the transaction set diagram is the value for this

data element in segments LS and LE Repeat the content of 2/LS/380.

N1 Name Segment:

450 Position:

> Loop: Optional (Must Use) N1

Level: Detail

Optional (Must Use) Usage:

Max Use:

Purpose: To identify a party by type of organization, name, and code

At least one of N102 or N103 is required. **Syntax Notes:** 

If either N103 or N104 is present, then the other is required. 2

**Semantic Notes:** 

This segment, used alone, provides the most efficient method of providing Comments:

organizational identification. To obtain this efficiency the "ID Code" (N104) must

provide a key to the table maintained by the transaction processing party.

N105 and N106 further define the type of entity in N101.

Must use this 2/N1/450 loop to identify the organization to receive the transaction. Notes:

#### Data Flement Summary

			Data Elemo	ent Summary		
Must Use	Ref. <u>Des.</u> N101	Data Element 98	Name Entity Identifier C Code identifying an	ode organizational entity, a physical location	M	ributes ID 2/2 .n individual
			SB	Storage Area		
				Must use to indicate the storage organi	zatio	n.
Not Used	N102	93	Name Free-form name		X	AN 1/35
Must Use	N103	66	Identification Code Code designating the Code (67)	e Qualifier e system/method of code structure used for	X or Id	ID 1/2 entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with For Suffix	ur Cł	naracter
			10	Department of Defense Activity Addres (DODAAC)	s Co	de
			M4	Department of Defense Routing Identifi	er Co	de (RIC)
				An integral and predetermined participal established logistical system performing control, distribution, and storage function	gen	
Must Use	N104	67	Identification Code Code identifying a p		X	AN 2/20
Not Used	N105	706	Entity Relationship Code describing ent		O	ID 2/2
Must Use	N106	98	Entity Identifier Code identifying an	ode organizational entity, a physical location	O or a	ID 2/2 n individual
			TO	Message To		
				Must use to indicate that the organization	ou c	ited in

N104 is receiving the transaction.

Segment: SE Transaction Set Trailer

Position: 020

Loop:

Level: Summary Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted

segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

**Semantic Notes:** 

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary				
Ref.	Data			
Des.	Element	<u>Name</u>	<u>Attributes</u>	
SE01	96	Number of Included Segments	M	N0 1/10
		Total number of segments included in a transaction set include segments	ling S	ST and SE
SE02	329	• •		AN 4/9 cion set
	Des. SE01	Des. Element SE01 96	Des.   Element   96   Number of Included Segments	Ref. Data  Des. Element SE01 96 Number of Included Segments Total number of segments included in a transaction set including Segments  SE02 329 Transaction Set Control Number Identifying control number that must be unique within the transact functional group assigned by the originator for a transaction set

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